

Mr. Arthur E. Smith, Jr.  
Environment Officer & Counsel, NiSource  
801 E. 86<sup>th</sup> Street  
Merrillville, IN 46411

Re: AAF 049-11630-00022  
First Administrative Amendment to  
FESOP 049-5540-00022

Dear Mr. Smith:

Northern Indiana Public Service Company, Grass Creek Underground Gas Storage Facility was issued a Federally Enforceable State Operating Permit on December 12, 1996 for an underground natural gas storage facility. A Significant Permit Modification was issued February 16, 1999. A letter was received on December 9, 1999 requesting a change in the Responsible Official and to modify the mailing address. Pursuant to the provisions of 326 IAC 2-8-10 the permit is hereby administratively amended as follows:

A.1 General Information

The Permittee owns and operates an underground natural gas storage facility.

Responsible Official:	<del>James K. Abcouwer</del> Robert J. Schacht
Source Address:	900 South 1100 West, Fulton County, Indiana 46975
Mailing Address:	Arthur E. Smith, Jr., <del>Principal Executive &amp; Counsel, Environmental Affairs</del> <del>Environmental Officer &amp; Counsel, Northern Indiana Public Service</del> <del>Company, NiSource, 5265 Hohman Avenue, Hammond, Indiana 46320-</del> <del>1775</del> 801 E. 86 <sup>th</sup> Street, Merrillville, IN 46411
SIC Code:	4922
County Location:	Fulton County
County Status:	Attainment for all criteria pollutants
Source Status:	Synthetic Minor Source, FESOP Program

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment to the front of the original permit.

Northern Indiana Public Service Co.,  
Grass Creek Underground Gas Storage Facility  
Fulton County, Indiana

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This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5.  
If you have any questions on this matter, please contact Gary Freeman, of my staff, at 317-233-5334 or 1-800-451-6027, press 0 and ask for extension 3-5334.

Sincerely,

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Management

Attachment

PD/gkf

cc: File -Fulton County  
U.S. EPA, Region V  
Fulton County Health Department  
Air Compliance Section - Rick Reynolds  
Compliance Data Section - Karen Nowak  
IDEM Northern Regional Office

**FEDERALLY ENFORCEABLE STATE  
OPERATING PERMIT (FESOP)  
OFFICE OF AIR MANAGEMENT**

**Northern Indiana Public Service Company  
Grass Creek Underground Gas Storage Facility  
900 South 100 West  
Fulton County , Indiana 46975**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the facilities listed in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 and contains the conditions and provisions specified in 326 IAC 2-8 and 40 CFR Part 70.6 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments) and IC 13-15 and IC 13-17 (prior to July 1, 1996, IC 13-1-1-4 and IC 13-7-10).

Operation Permit No.: F049-5540-00022	
Original issued by Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: December 12, 1996

First Significant Permit Modification SMF049-9745, issued February 16, 1999

First Administrative Amendment: AAF 049-11630	Page Affected:4
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

## SECTION A SOURCE SUMMARY

### A.1 General Information

The Permittee owns and operates an underground natural gas storage facility.

Responsible Official: Robert J. Schacht  
Source Address: 900 South 1100 West, Fulton County, Indiana 46975  
Mailing Address: Arthur E. Smith, Jr., Environmental Officer & Counsel, NiSource,  
801 E. 86<sup>th</sup> Street, Merrillville, IN 46411  
SIC Code: 4922  
County Location: Fulton County  
County Status: Attainment for all criteria pollutants  
Source Status: Synthetic Minor Source, FESOP Program

### A.2 Emission Units and Pollution Control Summary

The stationary source consists of the following emission units and pollution control devices:

One (1) natural gas underground storage and processing facility consisting of the following:

- (a) Two (2) natural gas dehydrators, identified as GC-12 and GC-13, with a maximum processing capacity each of 100 MMSCFD at 750 PSIG, and exhausting to separate process vents.
- (b) One (1) natural gas-fired pipeline gas heater, identified as GC-10, with a heat input of 20 MMBtu per hour.
- (c) One (1) natural gas-fired emergency generator, identified as GC-1, with a heat input of 1.86 MMBtu per hour, and exhausting to the "Generator Exhaust Stack."
- (d) One (1) natural gas-fired compressor, identified as GC-6, with a heat input of 14 MMBtu per hour, and exhausting to the "Delaval Engine Exhaust Stack."

### A.3 Insignificant Activities

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(20):

- (1) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour. Consists of two (2) 2.5 MMBtu per hour dehydrator reboilers on GC-12 and GC-13 and exhausting to separate burner flue stacks identified as GC-12s and GC-13s; and one (1) 1.67 MMBtu per hour boiler, identified as GC-14, providing heat for the main building on site.
- (2) Storage tanks with capacity less than or equal to 1,000 gallons and annual throughput less than 12,000 gallons. Consists of one (1) ethylene glycol storage tank (identified as GC-5) and one (1) triethylene glycol storage tank (identified as GC-11).
- (3) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids. Consists of one (1) 300 gallon waste oil storage tank, identified as GC-2.

Northern Indiana Public Service Company  
Grass Creek Underground Gas Storage Facility  
Fulton County, Indiana  
Permit Reviewer: Kyle R. Dreyfuss-Wells

First Significant Permit Modification SMF049-9745  
Modification Reviewer: Karen Purtell

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